

ABSTRACT OF THE INVENTION

An expansion anchor includes a screw body, an expansion unit and a plug. The screw body has a threaded part, a header and a connecting part which connects to one end of the expansion unit. The expansion unit is shaped in a ring-like sleeve
5 and has multiple gutters along axis direction at the other end of the unit which allows a cambered surface being formed between two adjacent gutters, where the number of cambered surfaces equals to the number of gutters. In addition, a conical plug is used to fit into the guttered end of expansion unit. The fact that screw body is separated from the plug shortens the time needed for installation and increases the
10 degree of tightness. It achieves quick installation and firm positioning purpose.